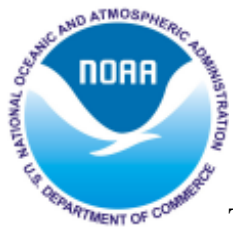
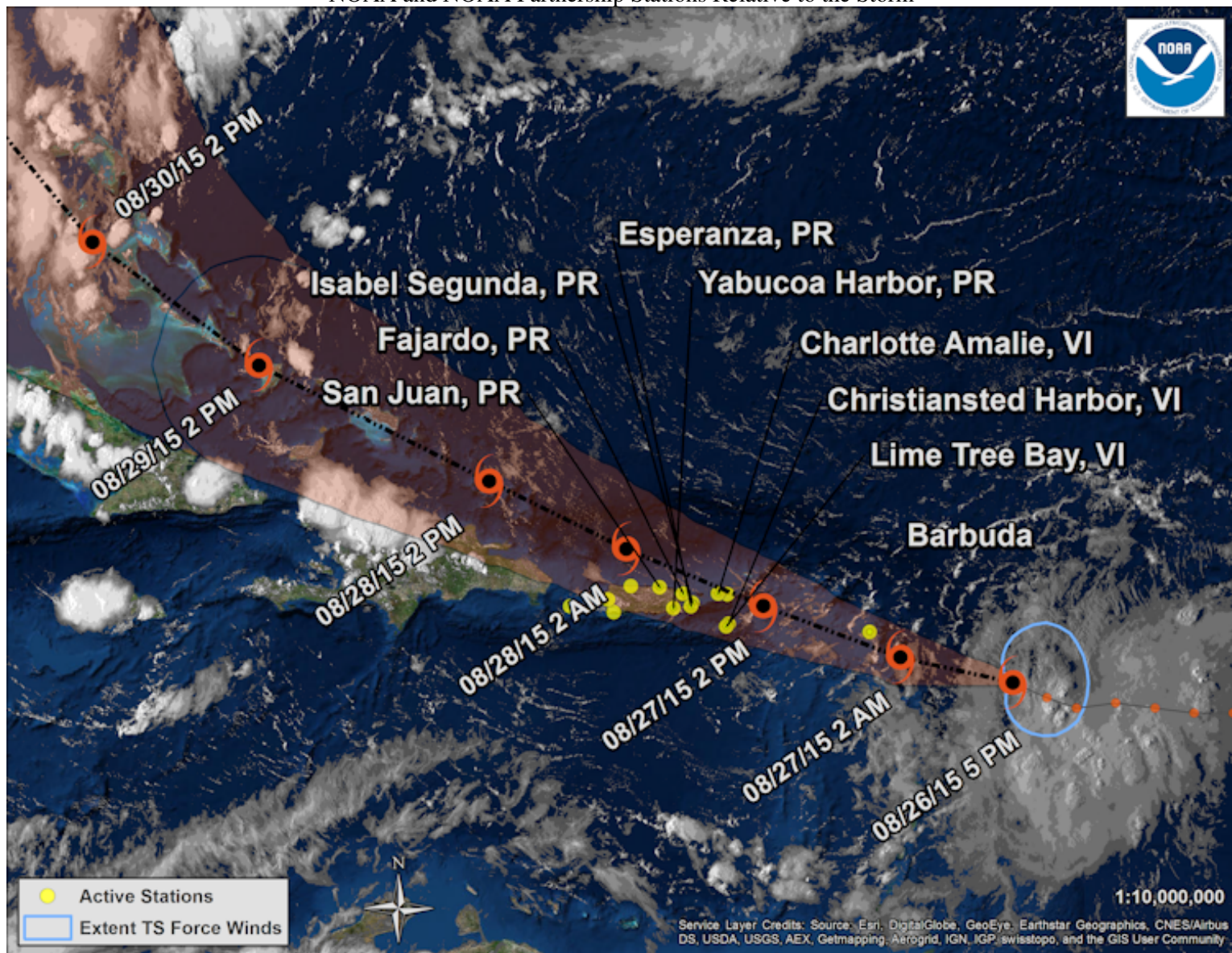


Tropical Storm ERIKA QuickLook, POSTED 18:00 AST 08/26/2015



Tropical Storm ERIKA QuickLook
Posted: 18:00 AST 08/26/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/26/2015 18:00 AST, water levels in Puerto Rico, the U.S. Virgin Islands and Barbuda are running around 0.4-0.7 ft above predictions. Winds are 6 to 14 knots and are slowly increasing across the region. Gusts are currently as high as 15 to 20 knots. Barometric pressure is currently following the normal diurnal cycle.

Tropical Storm ERIKA QuickLook, POSTED 18:00 AST 08/26/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CRD

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ERIKA ADVISORY NUMBER 8

500 PM AST WED AUG 26 2015

...ERIKA EXPECTED TO MOVE THROUGH THE LEEWARD ISLANDS OVERNIGHT...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None for US Territories

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

- * Puerto Rico
- * Vieques
- * Culebra
- * U.S. Virgin Islands

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, generally within 36 hours.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 PM AST, the center of Tropical Storm Erika was located near latitude 16.6 North, longitude 58.9 West. Erika is moving toward the west near 17 mph. A west-northwestward motion at a slightly slower forward speed is expected over the next 48 hours. On the forecast track, the center of Erika will move near or over portions of the Leeward Islands tonight, move near the Virgin Islands and Puerto Rico on Thursday, and be near or just north of the north coast of the Dominican Republic on Friday.

Maximum sustained winds are near 45 mph with higher gusts. Little change in strength is forecast during the next 48 hours.

Tropical storm force winds extend outward up to 105 miles (165 km) primarily to the east of the center.

Tropical Storm ERIKA QuickLook, POSTED 18:00 AST 08/26/2015

The latest minimum central pressure estimated from data from a NOAA Hurricane Hunter aircraft is 1005 mb (29.68 inches).

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to first reach the warning area in the Leeward Islands tonight, and reach the Virgin Islands and Puerto Rico on Thursday. Tropical storm conditions are possible in the watch area tonight and early Thursday.

RAINFALL: Erika is expected to produce total rain accumulations of 3 to 5 inches with maximum amounts of 8 inches across portions of the Leeward Islands, the Virgin Islands, and Puerto Rico through Friday morning.

Forecaster Brown

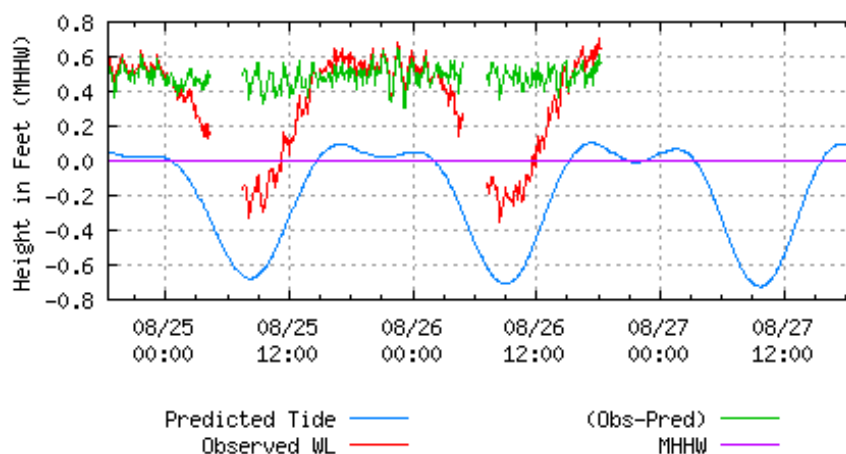
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Barbuda - Water Level](#), [Barbuda - Winds](#), [Barbuda - Barometric](#), [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Lime Tree Bay - Water Level](#), [Lime Tree Bay - Winds](#), [Lime Tree Bay - Barometric](#), [Charlotte Amalie - Water Level](#), [Charlotte Amalie - Winds](#), [Isabel Segunda, Vieques Island - Water Level](#), [Isabel Segunda, Vieques Island - Winds](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Fajardo - Water Level](#), [Fajardo - Winds](#), [Yabucoa Harbor - Water Level](#), [Yabucoa Harbor - Winds](#), [San Juan - Water Level](#), [San Juan - Winds](#), [San Juan - Barometric](#)

Tropical Storm ERIKA QuickLook, POSTED 18:00 AST 08/26/2015

NOAA/NOS/CO-OPS 9761115 Barbuda

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/26/2015 18:18 (AST). Data relative to MHHW

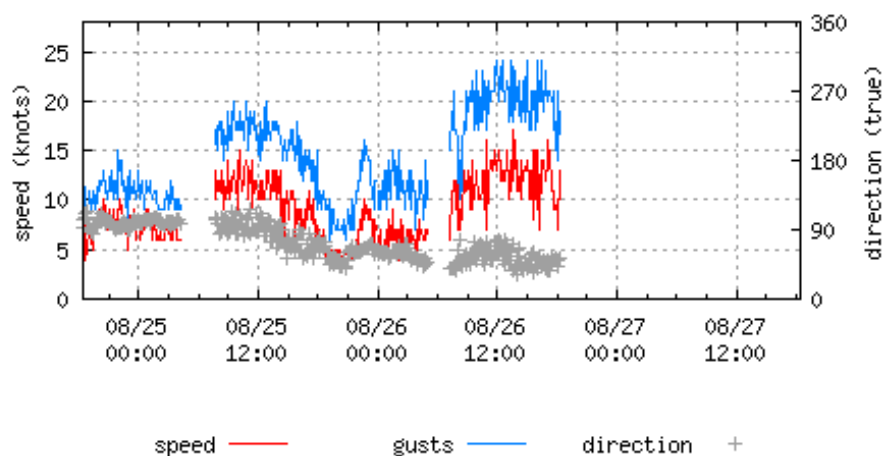
Observed: 0.60 ft. Predicted: 0.08 ft. Residual: 0.52 ft.

Historical Maximum Water Level: Aug 23 2012, 1.05 ft.

Next High Tide: 08/27/2015 01:31 (AST), 0.07 ft.

NOAA/NOS/CO-OPS 9761115 Barbuda

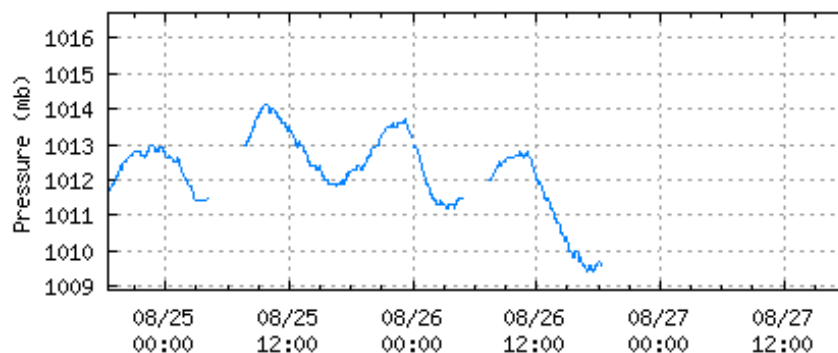
Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2015 18:18 (AST)

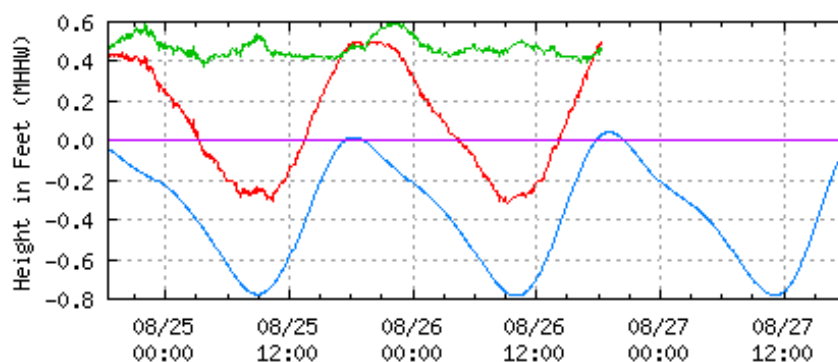
Wind Speed: 12 knots Gusts: 17 knots Direction: 45° T

NOAA/NOS/CO-OPS 9761115 Barbuda
Barometric Pressure



barometric pressure —
Last Observed Sample: 08/26/2015 18:18 (AST)
Barometric Pressure: 1009.6 mb

NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/26/2015 18:18 (AST). Data relative to MHHW

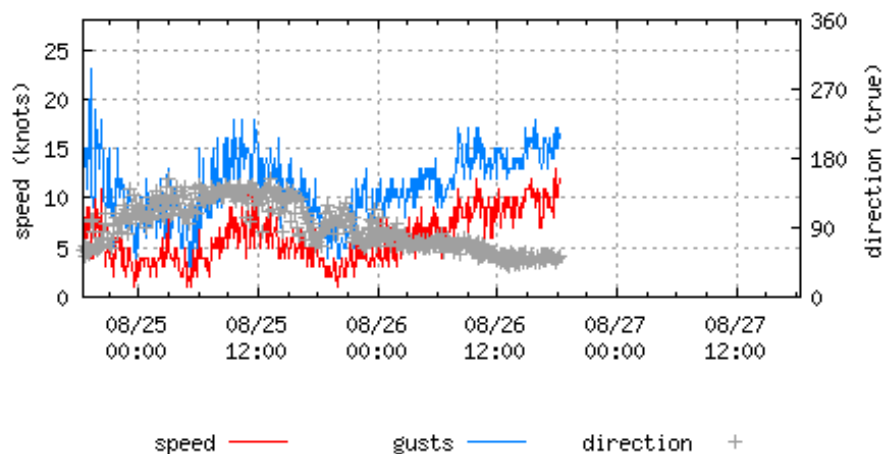
Observed: 0.48 ft. Predicted: 0.03 ft. Residual: 0.45 ft.

Historical Maximum Water Level: Oct 16 2008, 1.17 ft.

Next High Tide: 08/26/2015 19:03 (AST), 0.04 ft.

NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI

Wind Speed / Gusts / Direction

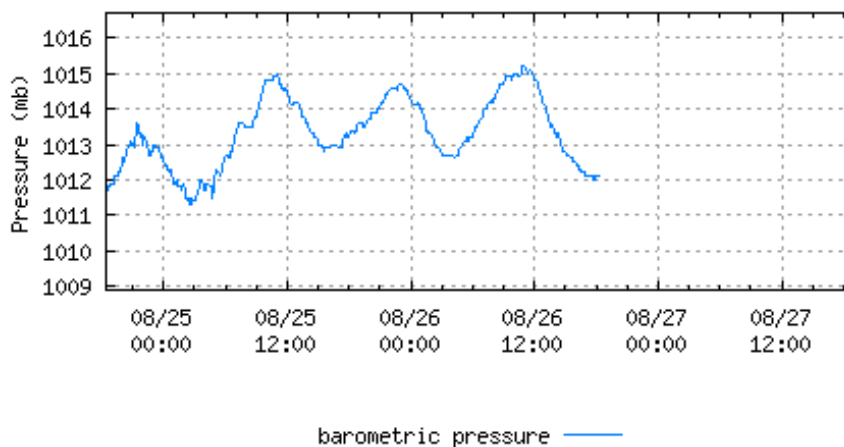


Last Observed Sample: 08/26/2015 18:18 (AST)

Wind Speed: 10 knots Gusts: 16 knots Direction: 50° T

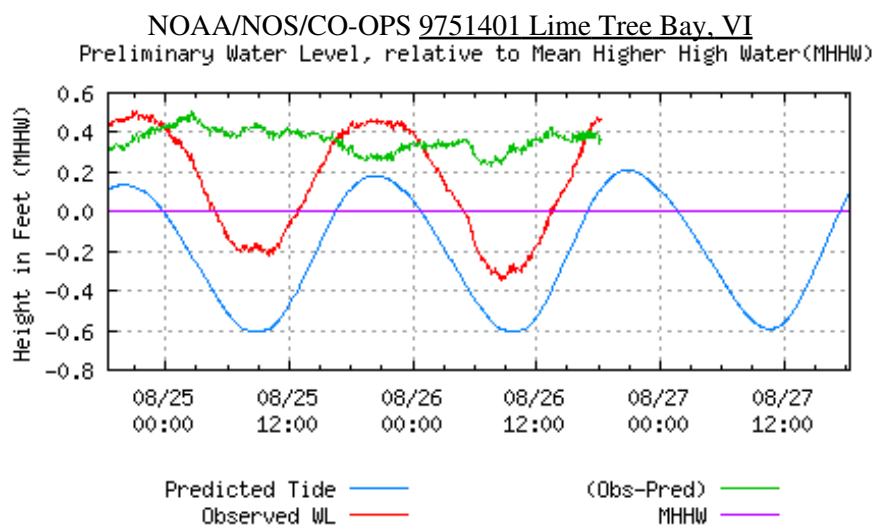
NOAA/NOS/CO-OPS 9751364 Christiansted Harbor, St Croix, VI

Barometric Pressure



Last Observed Sample: 08/26/2015 18:18 (AST)

Barometric Pressure: 1012.2 mb

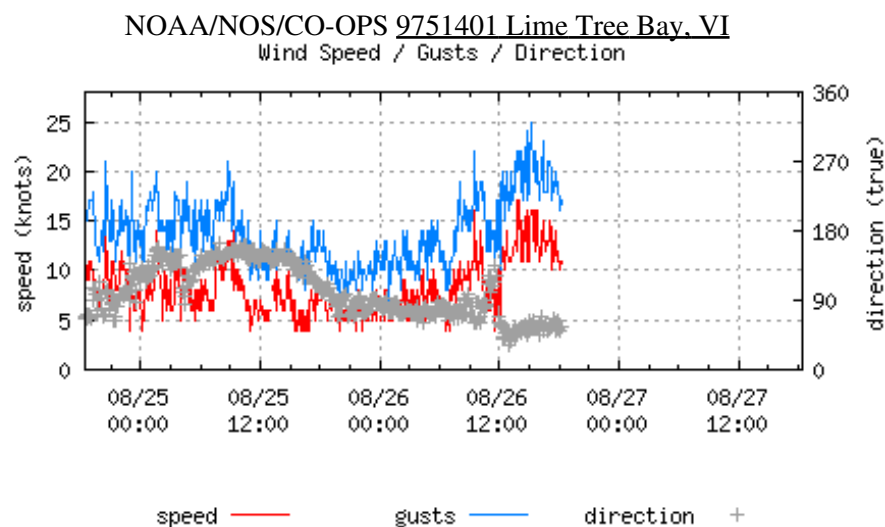


Last Observed Sample: 08/26/2015 18:18 (AST). Data relative to MHHW

Observed: 0.50 ft. Predicted: 0.12 ft. Residual: 0.38 ft.

Historical Maximum Water Level: Nov 17 1999, 1.88 ft.

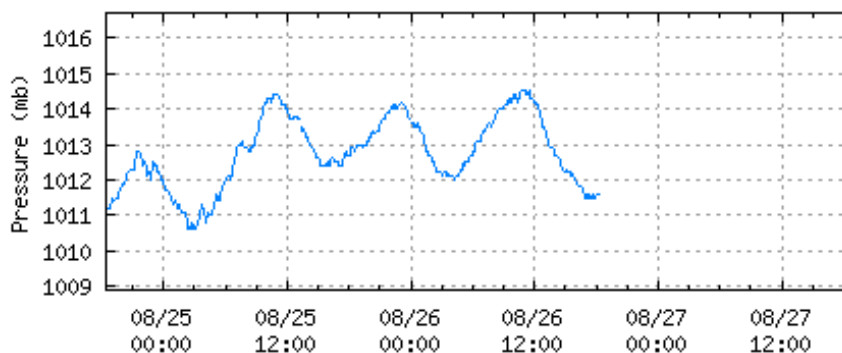
Next High Tide: 08/26/2015 20:50 (AST), 0.21 ft.



Last Observed Sample: 08/26/2015 18:18 (AST)

Wind Speed: 12 knots Gusts: 19 knots Direction: 52° T

NOAA/NOS/CO-OPS 9751401 Lime Tree Bay, VI
Barometric Pressure

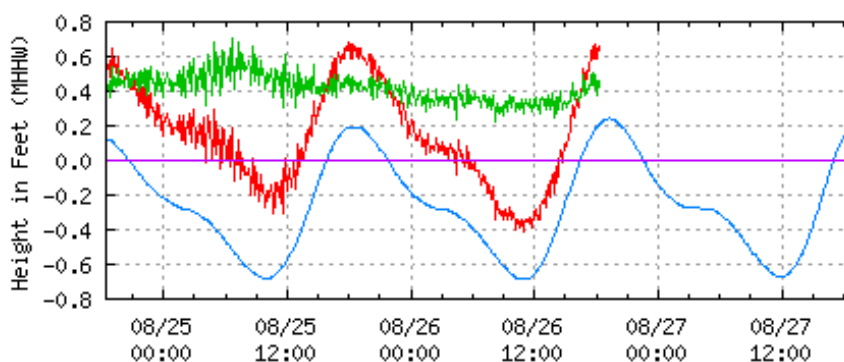


barometric pressure —

Last Observed Sample: 08/26/2015 18:18 (AST)

Barometric Pressure: 1011.7 mb

NOAA/NOS/CO-OPS 9751639 Charlotte Amalie, VI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —

Observed WL —

(Obs-Pred) —

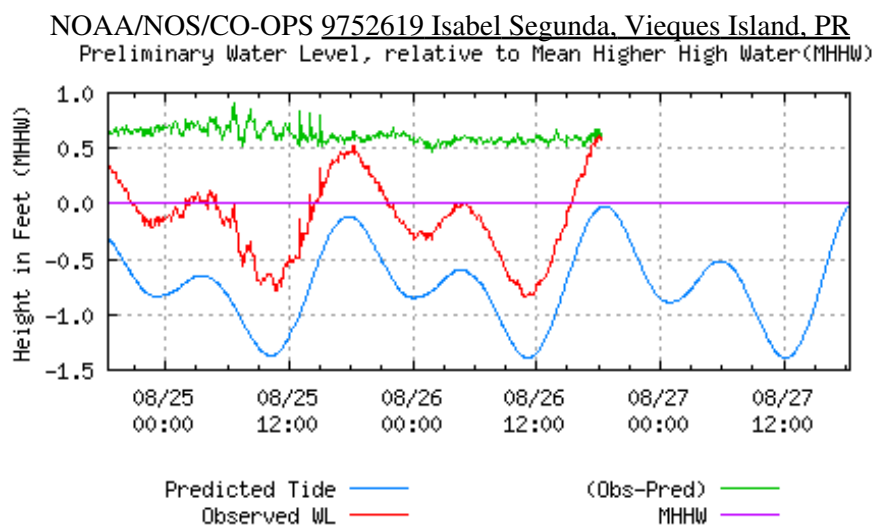
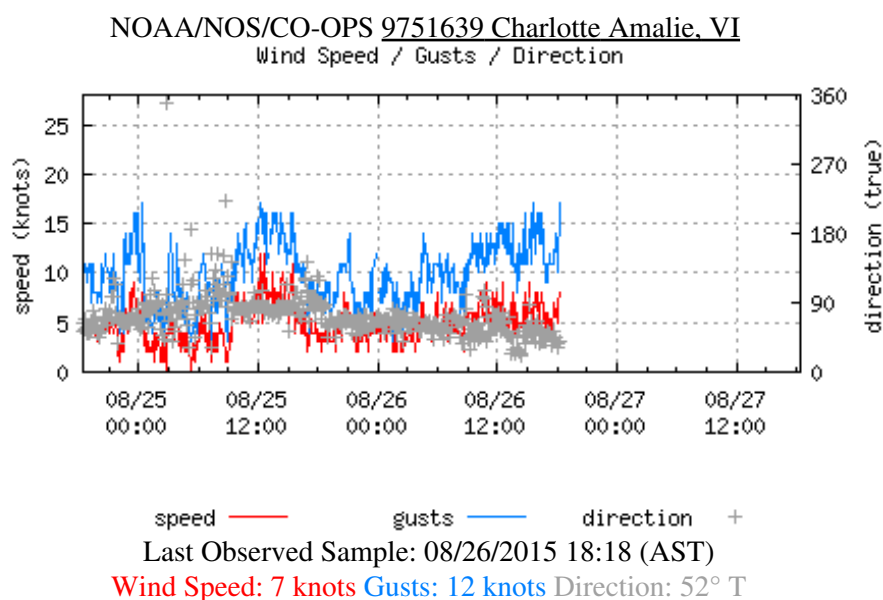
MHHW —

Last Observed Sample: 08/26/2015 18:18 (AST). Data relative to MHHW

Observed: 0.73 ft. Predicted: 0.21 ft. Residual: 0.52 ft.

Historical Maximum Water Level: Sep 16 1995, 2.93 ft.

Next High Tide: 08/26/2015 19:13 (AST), 0.24 ft.



Last Observed Sample: 08/26/2015 18:24 (AST). Data relative to MHHW

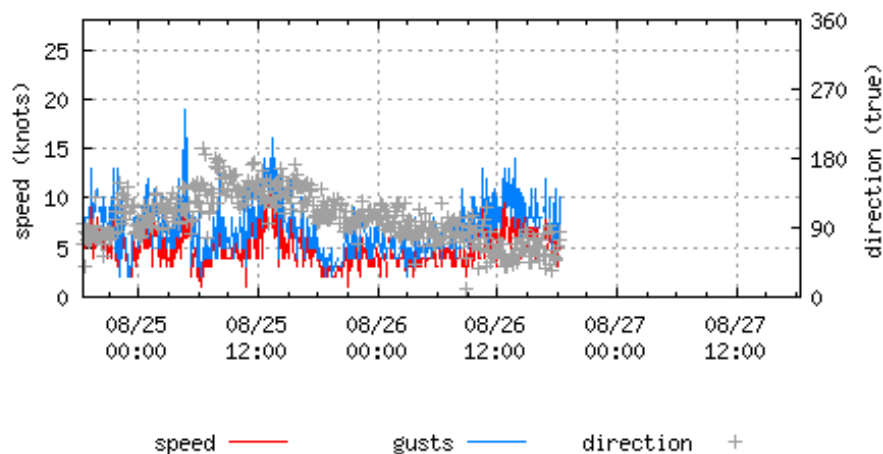
Observed: 0.62 ft. Predicted: -0.03 ft. Residual: 0.65 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/26/2015 18:36 (AST), -0.02 ft.

NOAA/NOS/CO-OPS 9752619 Isabel Segunda, Vieques Island, PR

Wind Speed / Gusts / Direction

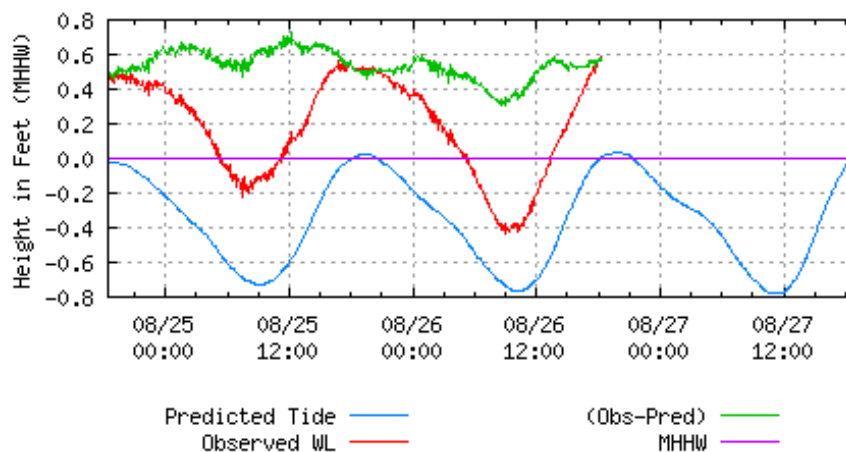


Last Observed Sample: 08/26/2015 18:24 (AST)

Wind Speed: 10 knots Gusts: 13 knots Direction: 91° T

NOAA/NOS/CO-OPS 9752695 Esperanza, Vieques Island, PR

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/26/2015 18:24 (AST). Data relative to MHHW

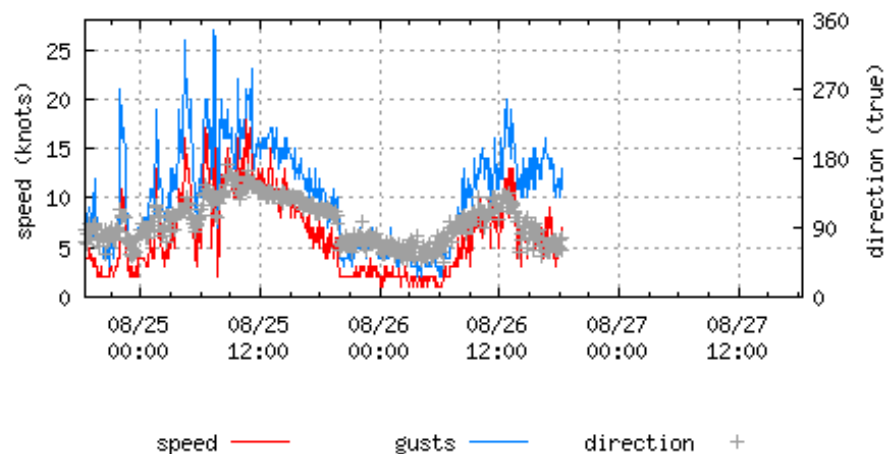
Observed: 0.56 ft. Predicted: 0.01 ft. Residual: 0.55 ft.

Historical Maximum Water Level: Aug 22 2011, 0.99 ft.

Next High Tide: 08/26/2015 19:52 (AST), 0.04 ft.

NOAA/NOS/CO-OPS 9752695 Esperanza, Vieques Island, PR

Wind Speed / Gusts / Direction

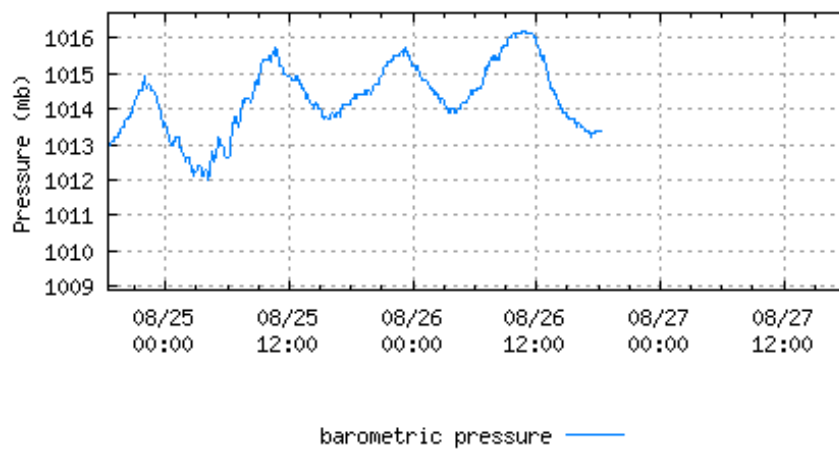


Last Observed Sample: 08/26/2015 18:24 (AST)

Wind Speed: 6 knots Gusts: 10 knots Direction: 65° T

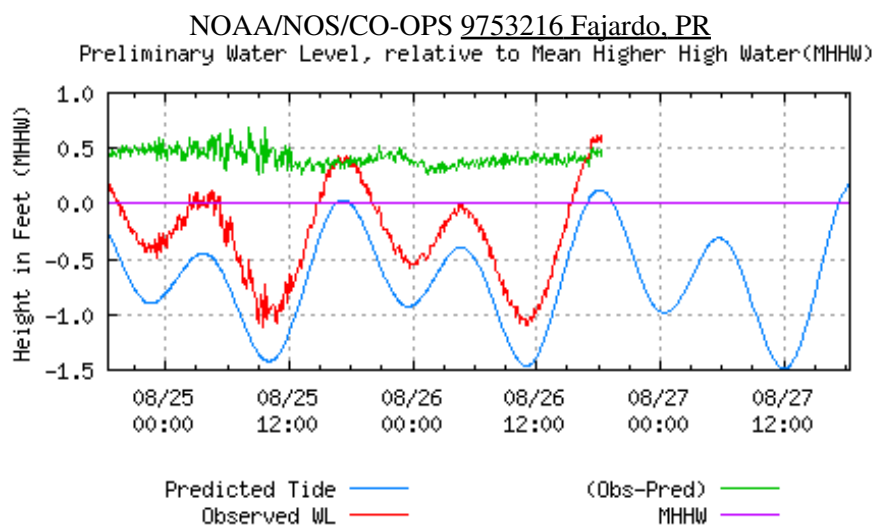
NOAA/NOS/CO-OPS 9752695 Esperanza, Vieques Island, PR

Barometric Pressure



Last Observed Sample: 08/26/2015 18:24 (AST)

Barometric Pressure: 1013.5 mb

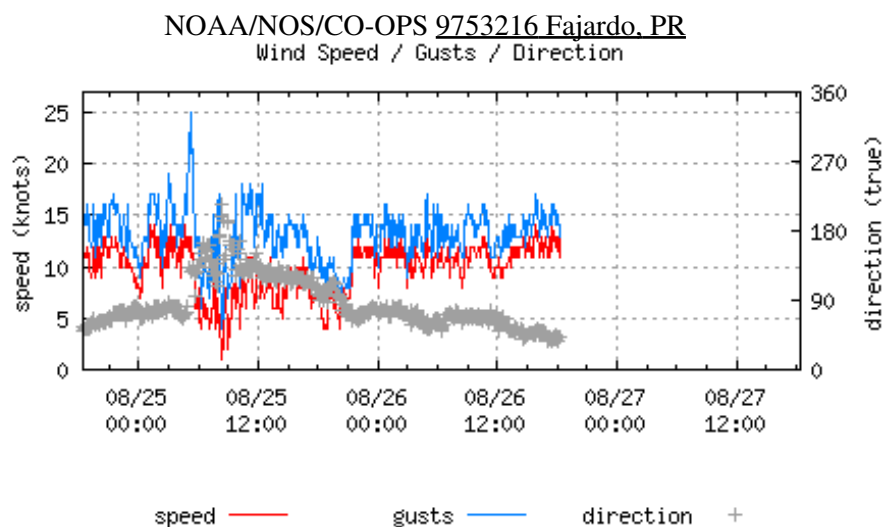


Last Observed Sample: 08/26/2015 18:24 (AST). Data relative to MHHW

Observed: 0.57 ft. Predicted: 0.11 ft. Residual: 0.46 ft.

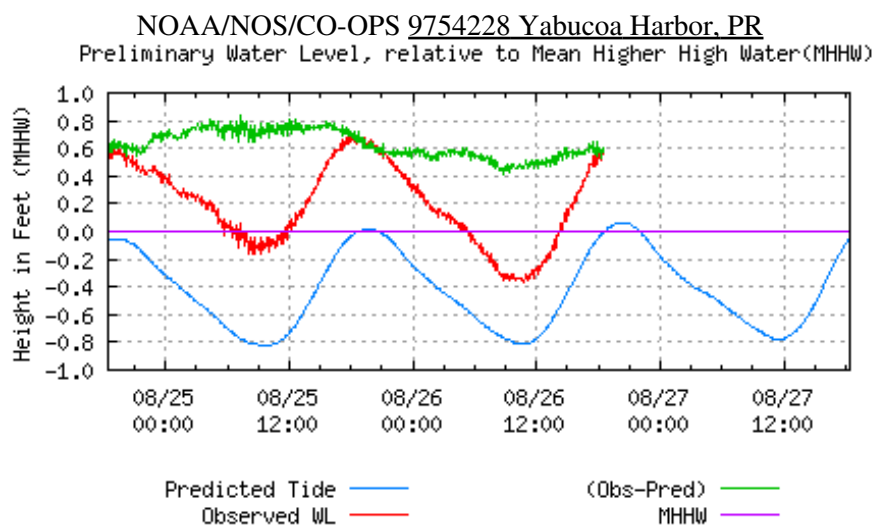
Historical Maximum Water Level: Aug 30 2010, 0.84 ft.

Next High Tide: 08/27/2015 05:43 (AST), -0.31 ft.



Last Observed Sample: 08/26/2015 18:24 (AST)

Wind Speed: 12 knots Gusts: 14 knots Direction: 45° T

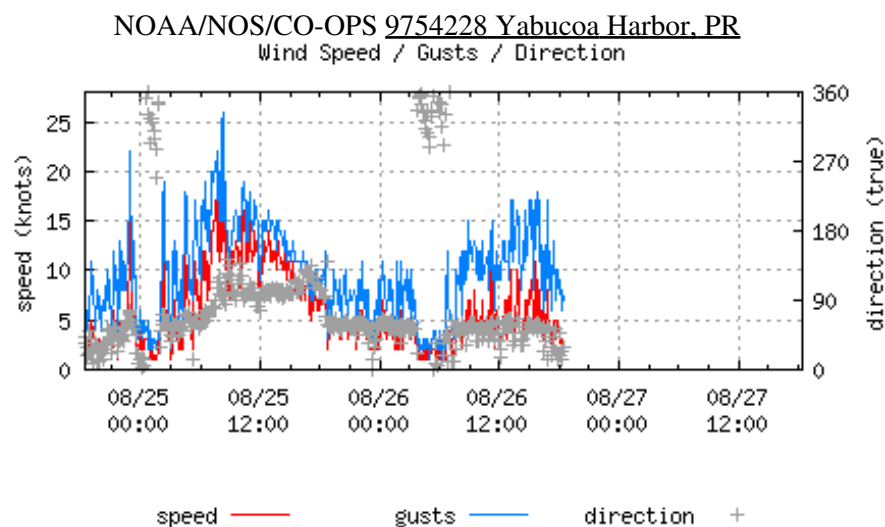


Last Observed Sample: 08/26/2015 18:24 (AST). Data relative to MHHW

Observed: 0.59 ft. Predicted: -0.02 ft. Residual: 0.61 ft.

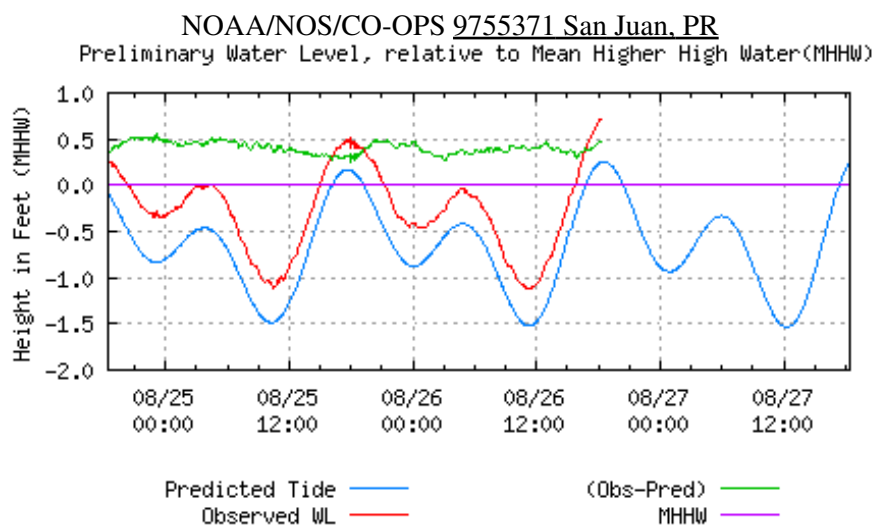
Historical Maximum Water Level: n/a

Next High Tide: 08/26/2015 20:22 (AST), 0.07 ft.



Last Observed Sample: 08/26/2015 18:24 (AST)

Wind Speed: 2 knots Gusts: 7 knots Direction: 29° T

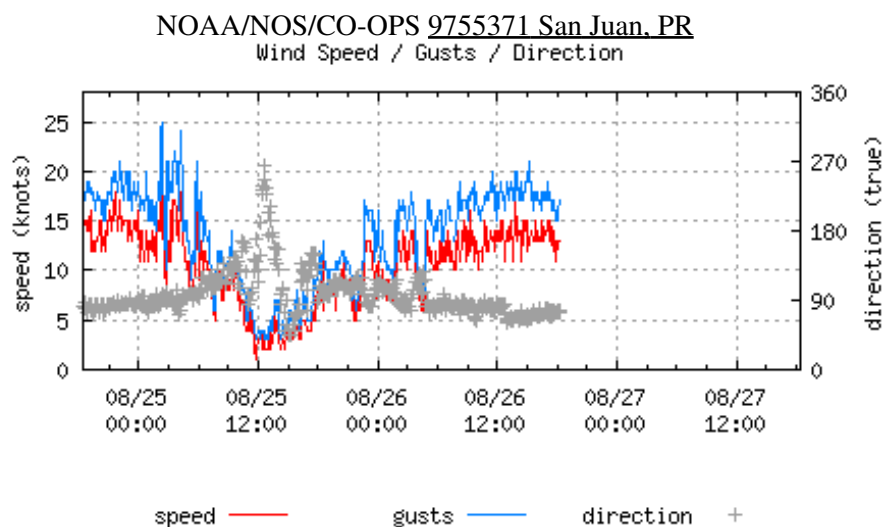


Last Observed Sample: 08/26/2015 18:18 (AST). Data relative to MHHW

Observed: 0.72 ft. Predicted: 0.26 ft. Residual: 0.46 ft.

Historical Maximum Water Level: Sep 18 1989, 2.77 ft.

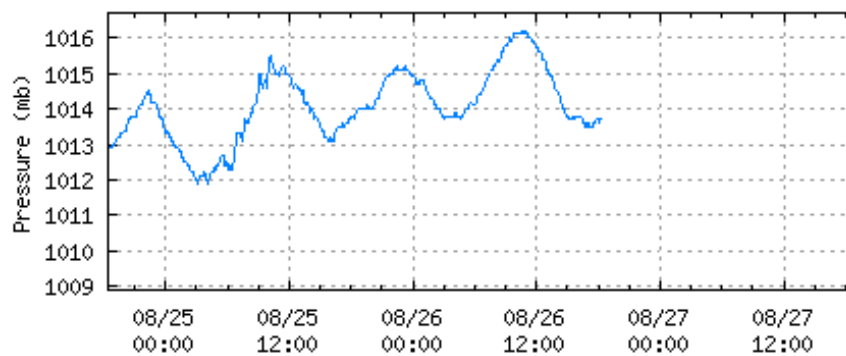
Next High Tide: 08/26/2015 18:31 (AST), 0.26 ft.



Last Observed Sample: 08/26/2015 18:18 (AST)

Wind Speed: 13 knots Gusts: 17 knots Direction: 73° T

NOAA/NOS/CO-OPS 9755371 San Juan, PR
Barometric Pressure



barometric pressure —

Last Observed Sample: 08/26/2015 18:18 (AST)

Barometric Pressure: 1013.7 mb

Tropical Storm ERIKA QuickLook, POSTED 18:00 AST 08/26/2015

Latest Water Level Observations on MHHW

| Station ID | Station Name | Date/Time | Observed Water Level | Predicted Tide | Residual Water Level | 24 Hour Maximum Storm Tide |
|------------|---------------------------------------|---------------------------|----------------------------|-------------------|----------------------------|-------------------------------------|
| 9761115 | Barbuda | 08/26/2015 18:18 (AST) | 0.60 ft | 0.08 ft | 0.52 ft | 0.70 ft |
| 9751364 | Christiansted Harbor, St Croix, VI | 08/26/2015 18:18 (AST) | 0.48 ft | 0.03 ft | 0.45 ft | 0.50 ft |
| 9751401 | Lime Tree Bay, VI | 08/26/2015 18:18 (AST) | 0.50 ft | 0.12 ft | 0.38 ft | 0.50 ft |
| 9751639 | Charlotte Amalie, VI | 08/26/2015 18:18 (AST) | 0.73 ft | 0.21 ft | 0.52 ft | 0.73 ft |
| 9752619 | Isabel Segunda, Vieques Island, PR | 08/26/2015 18:24 (AST) | 0.62 ft | -0.03 ft | 0.65 ft | 0.62 ft |
| 9752695 | Esperanza, Vieques Island, PR | 08/26/2015 18:24 (AST) | 0.56 ft | 0.01 ft | 0.55 ft | 0.59 ft |
| 9753216 | Fajardo, PR | 08/26/2015 18:24 (AST) | 0.57 ft | 0.11 ft | 0.46 ft | 0.61 ft |
| 9754228 | Yabucoa Harbor, PR | 08/26/2015 18:24 (AST) | 0.59 ft | -0.02 ft | 0.61 ft | 0.71 ft |
| 9755371 | San Juan, PR | 08/26/2015 18:18 (AST) | 0.72 ft | 0.26 ft | 0.46 ft | 0.72 ft |

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce